Supplement to Fall Issue

# AMERICAN JOURNAL OF PHARMACEUTICAL EDUCATION

**VOLUME XXII. 1958** 

MELVIN R. GIBSON EDITOR

GEORGE L. WEBSTER BUSINESS MANAGER

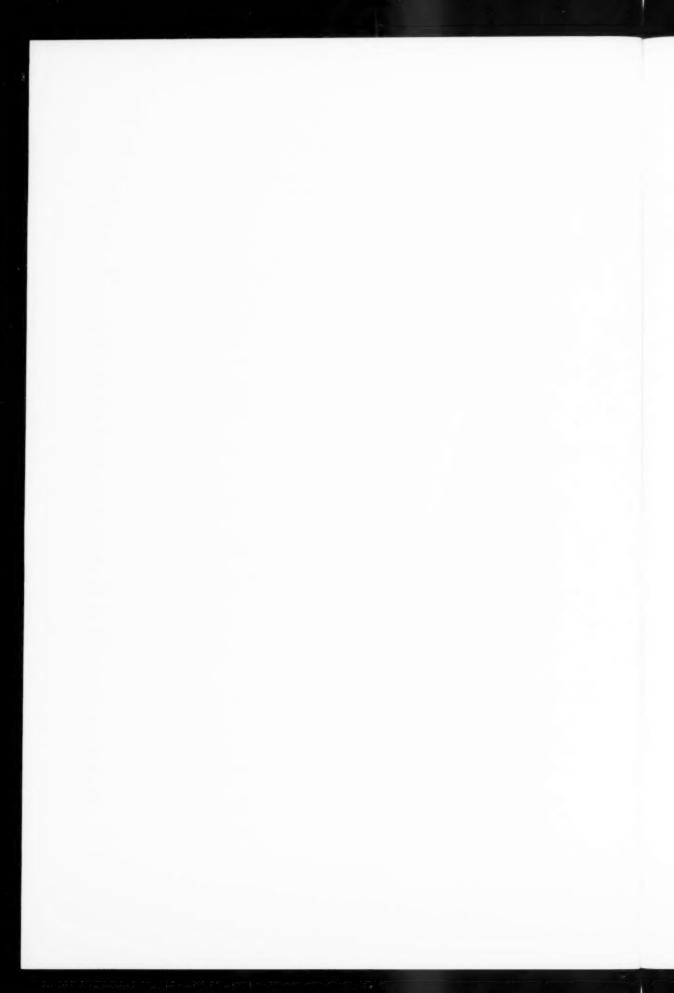
#### PUBLICATION COMMITTEE

HAROLD G. HEWITT, CHAIRMAN, EXECUTIVE COMMITTEE, AACP UNIVERSITY OF CONNECTICUT

GEORGE L. WEBSTER, BECRETARY-TREASURER, AACP UNIVERSITY OF ILLINOIS

MELVIN R. GIBSON, EDITOR STATE COLLEGE OF WASHINGTON

PUBLISHED BY THE AMERICAN ASSOCIATION OF COLLEGES OF PHARMACY
PRINTED BY THE STATE COLLEGE OF WASHINGTON PRESS



# CONTENTS

## VOLUME XXII, 1958

### WINTER

MEMORIALS	100
NEW LITTLE PEOPLE	105
MARRIAGES	
STAFF CHANGES	106
GENERAL NEWS	108
BOOK REVIEWS	113
NEW BOOKS	124
SPRING	
FEATURE SECTION	
Research in the Pharmaceutical Industry Today, Ernest H. Volwiler	127
Clinical Research in the Pharmaceutical Industry, Raymond M. Rice	133
Value of Foundations to Pharmaceutical Education, Lloyd E. Blauch	139
The Application of Group Thinking Techniques to the Problems of Pharmaceutical Education, Lee H. Bristol, Jr.	143
The Bobst-Columbia Plan for Pharmaceutical Education, the First Application of Group Ideation to Curriculum Development, Leo	
Roon and E. E. Leuallen	147
Tom D. Rowe	151
Pharmaceutical Education in the United States, H. G. Hewitt	155
A New Plan for Pharmacy Education, Glenn L. Jenkins	165
ARTICLES	
Studying Pharmacy in West Germany, Glenn Sonnedecker	169
A Course in Pharmacy Orientation, C. Lee Huyck	179
The English Teacher Talks Back, Chester L. Riess	185
A Fifth Year Grade Study of Pharmacy Students in the Courses Pharmaceutical Calculations and Introductory Pharmacy, Henry P. Burlage	193
The Canadian Conference of Pharmaceutical Faculties, G. R. Paterson	201
How Can We Train for Industry? Robert V. Evanson	210

The Development of Pharmacy in Poland, Witold Saski	214
Antibiotic Testing, Raymond W. VanderWyk	227
Graduate Enrollment Data, September, 1957 and Graduate Study in Member Colleges for 1958-1959, Richard A. Deno	233
Report of the Delegate to the AAAS, John M. Cross	235
EDITORIAL	237
MEMORIALS	240
NEW LITTLE PEOPLE	248
MARRIAGES	
STAFF CHANGES	248
GENERAL NEWS	
BOOK REVIEWS	
NEW BOOKS	
SUMMER	
(Proceedings of the Fifty-Ninth Annual Meeting of the American Association of College of Pharmacy, Los Angeles, California, 1958)	tion
ADDRESSES	
Address of the President, Tom D. Rowe	
Address of the Vice President, John F. McCloskey	276
REPORTS	
Individual Reports	
Secretary-Treasurer—279, Executive Committee Chairman—281, Secretary of the American Council on Pharmaceutical Education—285, Editor of the American Journal of Pharmaceutical Education—288.	
Standing Committee Reports	
Constitution and Bylaws-290, Curriculum-290, Education and	

Audio-visual Education—308, Civil Defense Education—309, Future Enrollment Problems—310, Graduate Programs—312, Predictive Tests—324, Problems and Plans—324, Recruitment Aids—326, Status of Pharmacists in the Government Service—328.	
Special Committee Reports Continuation Studies—330, Hospital Pharmacy Education—331.	
Representative and Delegate Reports  Delegates to the ACE—333, Delegates to the AFPE—334, Delegate to the A.Ph.A.—336, Representative to the NDTC—336.	
Annual Report of the Secretary and Executive Director of the American Foundation for Pharmaceutical Education	339
EXECUTIVE COMMITTEE	
Minutes of the Annual Meeting	342
Minutes of the Post-Session Meeting	349
CONFERENCE OF TEACHERS BYLAWS	352
MISCELLANEOUS DATA	
Institutions Holding Membership in the American Association of Colleges of Pharmacy	360
Committee Appointments and Other Information, AACP, 1957-58	363
Delegates and Representatives to the Fifty-Ninth Annual Meeting,	365
Past Places of Meeting and Past Officers, AACP	367
EDITORIAL	369
LETTERS	370
MEMORIALS	373
NEW LITTLE PEOPLE	
MARRIAGES	
STAFF CHANGES	
GENERAL NEWS	379
BOOK REVIEWS	
NEW BOOKS	395

#### FALL

TI	HE PRESIDENT	
	President Louis C. Zopf: A Biographical Sketch, Melvin R. Gibson 3	99
A	RTICLES	
	Pharmacy's Appeal to Prospective Students—What the Colleges are Doing, Lloyd M. Parks	03
	Pharmacy's Appeal to Prospective Students, David Reiss 4	09
	Pharmacognosy Trends, James E. Dusenberry	12
	Recent Advances in Pharmacology Research, James R. Weeks 4	20
	The Scope of Pharmaceutical Mathematics, Orville H. Miller 4	26
	Pharmacy Calculations Should be Integrated with Other Pharmacy Courses, Stanley V. Susina	28
	Pharmacy Calculations should be Taught as a Separate Course, Win-	
	throp E. Lange	33
	A State Board Member's View of Pharmacy Calculations, Wilbur E.  Powers	36
	Graduate Training in Synthetic Organic Chemistry: Consensus of University of Minnesota College of Pharmacy Faculty, George P. Hager	40
	Graduate Training in Synthetic Pharmaceutical Chemistry—A Restatement of an Opinion on the Subject, J. H. Burckhalter	45
	The Necessity for Research and Graduate Training in Synthetic Pharmaceutical Chemistry in Schools of Pharmacy, W. Lewis Nobles 4	49
	Pharmaceutical Chemistry and the Seminar for Practicing Pharmacists:  A Problem in Communication, Edward S. Brady	54
	Physical Chemistry in Pharmaceutical Education, Frank M. Goyan 4.	57
	Physical Pharmacy: Physical Chemical Principles in Pharmaceutical Science, Alfred N. Martin	62
	A Course in Drug Assaying by Functional Group Analysis, J. E.  Gearien	67

Panel: Curriculum and Syllabi for Courses in Pharmacy Administra- tion—Five Year Program:	
Introduction, Robert V. Evanson	471
Pharmacy Administration—Over-all Aims and Objectives, Paul C. Olsen	
A Method of Achieving the Objectives of Accounting in the Pharmacy Curriculum, Joseph D. McEvilla	474
Principles of Economics in the Five Year Curriculum, Stephen Wilson	480
Management, Esther J. W. Hall	482
Management and Merchandising, Robert V. Evanson	486
Marketing (Marketing Drug Products), John A. Lynch	491
Pharmaceutical Jurisprudence in the Five Year Curriculum, Paul  A. Pumpian	493
Conclusions, Robert V. Evanson	501
Financial Schedules: A Teaching Aid in the Determination of the Capital Requirements Necessary for Opening a New Drugstore, Isidore Greenberg and Abraham Kreiser	502
The Leading of Case Discussions in Pharmacy Management, Floyd  A. Grolle	512
Report of the Delegate to the American Pharmaceutical Association House of Delegates Annual Meeting, 1958, Charles W. Bliven	517
Report of the Secretary-Treasurer of the AACP Conference of Teachers, 1957-1958, Joseph H. Kern	522
PRESIDENT'S SECTION	526
EDITORIAL	
MEMORIALS	
NEW LITTLE PEOPLE	
MARRIAGES	
STAFF CHANGES	
GENERAL NEWS	540
BOOK REVIEWS	
NEW BOOKS	
INDEX TO VOLUME 22	223

